

Appln. No. 09/932,659  
Amendment dated January 20, 2004  
Resp nse t Office Action dated October 17, 2003

**LISTING OF CLAIMS:**

This listing of claims will replace all prior versions, and listings, of claims in the application.

1. (currently amended) A X-ray film cassette comprising:

a rectangular cartridge body having a front wall, a pair of side walls and a back wall;

a rectangular cover hinged at one side thereof to the back wall of said body by a hinge;

a latch provided at one side of said cover opposite to the hinged side, said latch being manually operable to be moved from a latching position to a released position;

a slot provided in the front wall of the body to be engaged with said latch of the cover; and

at least two imaging plates for recording an image generated by an X-ray source, ~~wherein said at least two imaging plates~~ being arranged in partial overlapping relation ~~overlap so~~ as to prevent a loss of diagnostic information.

2. (previously presented) The cassette of claim 1, wherein said at least two imaging plates can be processed by a computed radiography reader without manually removing the imaging plates from the cassette.

3. (cancelled)

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4. (previously presented) The cassette of claim 1, further comprising a plurality of indicia marks on said imaging plates arranged such that said imaging plates can be automatically aligned.

5. (previously presented) The cassette of claim 1, wherein said at least two imaging plates are separated by a "Z" fold of a material having a size that is sufficient to prevent said overlapping image plates from coming into direct contact with each other.

6. (previously presented) The cassette of claim 1, wherein said imaging plates are 14" x 17" in size.

7. (currently amended) An X-ray film ~~for use in the cassette of claim 1~~, which is dimensioned to be received in the cassette of claim 1.

8. (currently amended) A photostimulable phosphor sheet ~~for use in the cassette of claim 1~~, which is dimensioned to be received in the cassette of claim 1.

9. (cancelled)

10. (cancelled)

11. (currently amended) A X-ray cassette comprising:

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a rectangular cartridge body having a front wall, a pair of side walls and a back wall;

a rectangular cover hinged at one side thereof to the back wall of said body by a hinge;

a latch provided at one side of said cover opposite to the hinged side, said latch being manually operable to be moved from a latching position to a released position;

a slot provided in the front wall of the body to be engaged with said latch of the cover; and

at least two imaging plates for recording an image generated by an X-ray source on a photostimulable phosphor sheet, ~~wherein~~ said at least two imaging plates ~~overlap~~ being arranged in partial overlapping relation so as to prevent a loss of diagnostic information.

12. (previously presented) The cassette of claim 11, wherein said at least two imaging plates can be processed by a computed radiography reader without manually removing the imaging plates from cassette.

13. (cancelled)

14. (previously presented) The cassette of claim 11, further comprising a plurality of indicia marks on said imaging plates arranged such that said imaging plates can be automatically aligned.

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15. (previously presented) The cassette of claim 11, wherein said at least two imaging plates are separated by a "Z" fold of a material having a size that is sufficient to prevent said overlapping image plates from coming into direct contact with each other.

16. (previously presented) The cassette of claim 11, wherein said imaging plates are 14" x 17" in size.

17. (currently amended) An X-ray film ~~for use in the cassette of claim 11~~, which is dimensioned to be received in the cassette of claim 11.

18. (currently amended) A photostimulable phosphor sheet ~~for use in the cassette device of claim 11~~, which is dimensioned to be received in the cassette of claim 11.

19. (cancelled)

20. (cancelled)